

Converting Colors

CIELCh(47, 55.603, 359.432)

Have a look what the booklet for
CIELCh(47, 55.603, 359.432)
contains.

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Color

CIELCh(47, 55.553, 359.555)

Conversions

Conversions Part 1

Format	Color
Hex	C03F72
RGB	192, 63, 114
RGB Percent	75%, 25%, 45%
CMY	0.2464, 0.7523, 0.5524
CMYK	0.00, 0.67, 0.41, 0.25
HSL	336°, 51%, 50%
HSV	336°, 67%, 75%
XYZ	26.6123, 16.0195, 17.6511
YIQ	107.3850, 60.5130, 43.2090

Conversions

Conversions Part 2

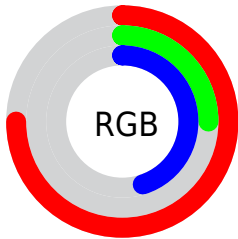
Format	Color
R_{YB}	192, 63, 114
Decimal	12599154
CIE Lab	47.00, 55.55, -0.43
CIE LCh	47, 55.553, 359.555
Yxy	16.0195, 0.4415, 0.2657
Android (android.graphics.Color)	4290789234 (0xFFC03F72)
YUV	107.3850, 3.2612, 74.2074
Hunter-Lab	40.0243, 48.6427, 1.8695

Details

The CIELCh color **47, 55.553, 359.555** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **70, 49.642, 161.662**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 55.364, 359.475**, and **28, 52.600, 1.454** is the 20% darker color. If you saturate the color by 10%, you get **44, 61.261, 2.520**, and if you desaturate by 10%, it is **50, 48.480, 357.209**.

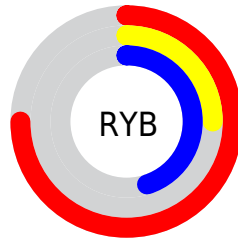
Distribution



Red (75%)

Green (25%)

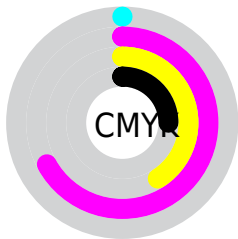
Blue (45%)



Red (75%)

Yellow (25%)

Blue (45%)

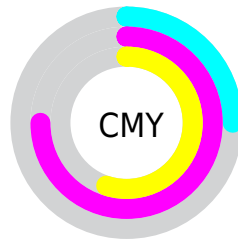


Cyan (0%)

Magenta (67%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (75%)


Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 55.553, 359.555 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 47, 55.553, 359.555 by changing the saturation by 10% instead.


 47, 55.553,
359.555


 47, 55.553,
359.555


 100, 55.553,
359.555


 37, 55.553,
359.555

 67, 55.553,
359.555


 27, 55.553,
359.555

 77, 55.553,
359.555

 17, 55.553,
359.555

 87, 55.553,
359.555

 7, 55.553, 359.555

 97, 55.553,
359.555

 0, 55.553, 359.555

 47, 55.553,

 47, 55.553,

359.555

359.555

■ 44, 61.261, 2.520

■ 50, 48.480,
357.209

■ 42, 65.348, 6.275

■ 55, 40.465,
355.319

■ 41, 67.935, 10.916

■ 41, 68.636, 12.301

■ 59, 31.917,
353.762

■ 64, 23.169,
352.447

■ 69, 14.455,
351.309

■ 74, 5.925, 350.280

■ 79, 2.338, 169.660

■ 85, 10.294,
168.729

■ 90, 17.932,
167.997

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47, 55.553, 359.555



70, 49.642, 161.662

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47, 55.553, 359.555



47, 55.553, 49.555



47, 55.553, 179.555



47, 55.553, 229.555

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47, 55.550, 359.556



85, 20.982, 351.657



43, 77.063, 315.217



44, 14.362, 351.977



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47, 55.550, 359.556



56, 77.463, 4.350



48, 55.641, 34.599



38, 4.762, 350.508



34, 60.018, 11.527



3, 15.070, 358.433

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47, 55.550, 359.556



56, 77.463, 4.350



67, 32.201, 209.943



38, 4.762, 350.508



34, 60.018, 11.527



3, 15.070, 358.433

Previews

White Background



This preview shows how the CIELCh color 47, 55.553, 359.555 looks on a white background.

Color Contrast Check

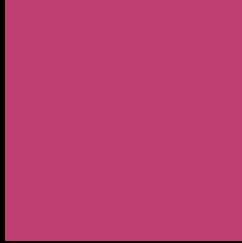
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 55.553, 359.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

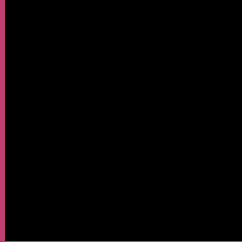
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 47, 55.553, 359.555

Background



This preview shows how black text looks on a background with the CIELCh color 47, 55.553, 359.555.



This preview shows how white text looks on a background with the CIELCh color 47, 55.553, 359.555.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47, 55.553, 359.555

Protanopia

47, 19.597, 285.519

Deuteranopia

47, 7.126, 20.219



Tritanopia
47, 52.923, 25.617

Trichromacy



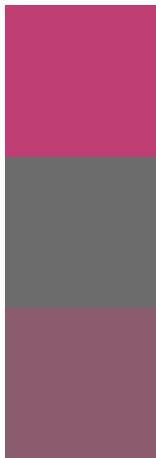
Original Color
47, 55.553, 359.555

Protanomaly
46, 28.170, 328.118

Deuteranomaly
46, 25.878, 359.243

Tritanomaly
47, 52.478, 15.906

Monochromacy



Original Color
47, 55.553, 359.555

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 22.145, 353.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 55.553, 359.555 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 63, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 63, 114)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 63, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 63, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 55.553, 359.555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 63, 114) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(192, 63, 114) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(192, 63, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 63, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 63, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 63,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 55.553, 359.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 63, 114) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192, 63,  
114) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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